

Engineering Projects Report

CAM Construction and Maintenance

PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	10
Project Name	Airport Utility Relocation (Water & Sewer)			Original Budget	\$250,000	Contract Number		This contract has been bid and awarded. Construction will start early Spring 2004. The Fedex outfall will tie into the 24" sewer designed by Koe prior to crossing Bryan Boulevard. We will be getting revised drawings per Larry Allen - 12/24/03.		
Description				Fund		Year(s)				
Coordinate the planning and design of the water system changes to be made in conjunction with the airport FedEx project.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP	13	Date Complete		Notes	Proj#-->	11
Project Name	Bledsoe Pump Station Design			Original Budget	\$3,686,710	Contract Number	99-001161	Need to submit EC plans for Bledsoe Force Main and Cardinal projects. Once these are submitted, Contract Admin needs to prepare three sets of the Bledsoe and Cardinal contracts. Lift Station sets are already complete. 401 Permit has been received. 404 Permit has been received.		
Description				Fund	510	Year(s)	05-06			
Design and construct new pump station and force main in middle of Horsepen Creek basin. Will alleviate flow from Horsepen and transport flow to T.Z. Osborne WWTP.				Design Budget	\$59,060	Design Spent	\$36,500			
				Const. Budget	\$0	Const. Spent	\$23,433			
PM Contact:	KEE	Date Assigned		CIP	11	Date Complete		Notes	Proj#-->	36
Project Name	Brightwood Lift Station Replacement/Relocation			Original Budget	\$2,500,000	Contract Number				
Description				Fund	UNF	Year(s)	06-07			
Future replacment of existing station. New station to be located further down North Buffalo to allow more development. Can tie to Reedy Fork FM.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	KEE	Date Assigned		CIP	96	Date Complete		Notes	Proj#-->	37
Project Name	Burlington Water Connection			Original Budget	\$2,000,000	Contract Number	02-001196	Laughlin-Sutton Contractor for all pump stations Need to coordinate radio installation at Burlington's tank through Kevin Carter w/ Kimley-Horn. Just a heads up, Stoney Creek Partners LLC appraised for \$68,336 which came out to \$7.00 per square foot. They argued they had offers to purchase for \$11.00 per		
Description				Fund	510	Year(s)	02-04			
Greensboro to Burlington Water Connection				Design Budget	\$0	Design Spent	\$156,333			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned	6/30/2002	CIP		Date Complete		Notes	Proj#-->	109
Project Name	Burnt Poplar(W&S)			Original Budget	\$115,000	Contract Number		Need to meet with Darrell Ferguson to coordinate schedule needs versus our bid dates. This project was awarded as part of the general water and sewer contract 2003-51. Sending utility agreement back to O'hara Parker for execution. The returned copy should have a letter with		
Description				Fund		Year(s)				
Install Water and Sewer in Burnt Poplar Road near Chimney Rock to faciliate NCDOT Construction				Design Budget	\$0	Design Spent	\$0			
				Const. Budget		Const. Spent				
PM Contact:	HKM	Date Assigned		CIP	5	Date Complete		Notes	Proj#-->	13
Project Name	Cardinal Sanitary Sewer Transfer Project			Original Budget	\$1,095,760	Contract Number		Proceeding with obtaining all permits for this project in conjunction with Bledsoe project. Priority bumped up due to North Buffalo issue. 2003-56 Contract Number. Bruce Overman will coordinate getting the Corps(404)		
Description				Fund	510	Year(s)	05-06			
Rerouting the Cardinal FM to a larger FM and redirecting it to terminate at the Bledsoe LS vs. the Horsepen Creek LS.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

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PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	14
Project Name	Church Street TBI Project			Original Budget	\$0	Contract Number				
Description				Fund		Year(s)	unknown			
A proposed Transportation Bond Improvement project via GDOT.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	15
Project Name	Creek Ridge Road TBI Project			Original Budget	\$0	Contract Number				
Description				Fund		Year(s)	unknown			
A proposed Transportation Bond Improvement project via GDOT.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	16
Project Name	Franklin Blvd. TBI Project			Original Budget	\$0	Contract Number				
Description				Fund		Year(s)	unknown			
A proposed Transportation Bond Improvement project via GDOT.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	RMN	Date Assigned		CIP		Date Complete		Notes	Proj#-->	52
Project Name	Friendly Road Bond Project			Original Budget	\$0	Contract Number		Take Friendly Road out of service for now. Reserve property for possible future need.		
Description				Fund	UNF	Year(s)	03-04	Major impact to Water Resources is the relocation of the Friendly Road Booster Pump Station		
A Transportation Bond Improvement project via GDOT.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0	Richard Nicks meeting week of 1/20/03 with DPCO to		

PM Contact:	HKM	Date Assigned		CIP	9	Date Complete		Notes	Proj#-->	17
Project Name	Gallimore Dairy Road L.S. Replacement			Original Budget	\$3,300,000	Contract Number	1999-02	Both contracts are under construction. The line work contract has experiencec substantial undocumented utility conflicts.		
Description				Fund	510	Year(s)	03-04			
Replacement for Albert Pick LS. Includes gravity line, pump station, and force main.				Design Budget	\$88,000	Design Spent	\$70,000	1999-02 Lift Station - JR Lynch - \$1,394,987		
				Const. Budget	\$0	Const. Spent	\$0	300 days completion		

PM Contact:	HKM	Date Assigned	10/23/2003	CIP		Date Complete		Notes	Proj#-->	134
Project Name	Hilltop Road Sewer Extension			Original Budget	\$200,000	Contract Number		Jason Geary in Engineering is designing this. Its costs need to be tracked seperately for reimbursement by NCDOT. Their may be some additional issues on Guilford college road that could change the scope of this design.		
Description				Fund		Year(s)				
				Design Budget		Design Spent				
				Const. Budget		Const. Spent		Extend around 3500 feet of sewer to provide service to		

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PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	18
Project Name	Lake Jeanette Road TBI Project			Original Budget	\$0	Contract Number		A proposed Transportation Bond Improvement project via GDOT.		
Description				Fund		Year(s)	unknown			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP	6	Date Complete		Notes	Proj#-->	19
Project Name	Longbranch LS Replacement			Original Budget	\$500,000	Contract Number		Final plans completed and job has been bid. A follow up meeting on the lift station issues is to be scheduled by NCDOT - Chris Kirkman, PE is our NCDOT contact on this one. No utility agreement has been received for this project. [January 30, 2003] Tony Cox confirms he has the		
Description				Fund	510	Year(s)	03			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
Coordinate with NCDOT U-2524AC										
PM Contact:	MCM	Date Assigned	4/1/2002	CIP	102	Date Complete		Notes	Proj#-->	125
Project Name	McKnight Mill Road Lift Force Main			Original Budget	\$500,000	Contract Number	02-001122A	[05/22/03] Sent out letter of agreement to Gary Johnson regarding access through property. Anticipate a June 2004 completion date. [05/05/03] 1. Add note to plan reflecting temporary access off of		
Description				Fund		Year(s)	02-03			
				Design Budget	\$80,100	Design Spent	\$50,506			
				Const. Budget	\$472,546	Const. Spent	\$0			
Pump station and force main to serve the Briarmeade development, areas adjacent, and upstream.										
PM Contact:	MCM	Date Assigned	4/1/2002	CIP	102	Date Complete		Notes	Proj#-->	124
Project Name	McKnight Mill Road Lift Station			Original Budget	\$250,000	Contract Number	2002-22	Pump station contractor to be Laughlin-Sutton. [05/22/03] Sent out letter of agreement to Gary Johnson regarding access through property. Anticipate a June 2004 completion date.		
Description				Fund		Year(s)	02-03			
				Design Budget	\$29,500	Design Spent	\$29,500			
				Const. Budget	\$555,000	Const. Spent	\$0			
Pump station and force main to serve the Briarmeade development, areas adjacent, and upstream.										
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	171
Project Name	NCDOT (B-3174 / 3272)			Original Budget		Contract Number		Funding: 510-7062-07.6019 [04129] \$128,672.50		
Description				Fund		Year(s)				
				Design Budget		Design Spent				
				Const. Budget		Const. Spent				
U.S. 29 Bridges at Lee St. and McConnel Rd.										
PM Contact:	RMN	Date Assigned	9/4/2003	CIP		Date Complete		Notes	Proj#-->	128
Project Name	NCDOT (Bridge Projects)			Original Budget		Contract Number		B-3651 (Millstream) Water and Sewer conflicts have been identified with this project. Utility work has been requested to be included within the contract. Contact Barry Whitaker, Utility Agent, @ (919)733-7932 x 356 B-3648 (Dick's Mill Road)		
Description				Fund		Year(s)				
				Design Budget		Design Spent				
				Const. Budget		Const. Spent				
Various NCDOT Bridge Replacement Projects										

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PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	20
Project Name	NCDOT (I-2201 E)			Original Budget	\$0	Contract Number	99-001073	Funding: 501-7061-01.6016 CBR 001 Final plans have been issued for construction. Plans also exist for I-2201F, but no Utility agreement has been found. Will contact Mike Mills for follow up on NCDOT's end if necessary.		
Description				Fund		Year(s)				
I-40 , Chimney Rock, & Sandy Ridge				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$418,876	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	21
Project Name	NCDOT (I-2402 A)			Original Budget	\$1,000,000	Contract Number	99-001484	Funding: 503-7061-01.6016 CBR 002 Final plans have been issued for construction.		
Description				Fund		Year(s)				
I85 bypass to W. Elm-Eugene				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$522,798	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	22
Project Name	NCDOT (I-2402 AC)			Original Budget	\$0	Contract Number	02-001104	Funding: 503-7061-01.6016 Final plans have been issued for construction.		
Description				Fund		Year(s)				
Wolftrail Drive				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$7,440	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	23
Project Name	NCDOT (I-2402 B)			Original Budget	\$0	Contract Number	00-001104	Funding: 503-7061-01.6016 CBR 002 \$185,000 ; 503-7062-01.6017 CBR 003 \$270,000 Final plans have been issued for construction.		
Description				Fund		Year(s)				
W Elm-Eugene to SR 3314				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$455,000	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	24
Project Name	NCDOT (I-2402 C)			Original Budget	\$0	Contract Number	01-001069	Funding: 503-7062-01.6017 CBR 005 \$149,464.75; 503-7061-01.6016 CBR 005 \$149,464.75 Final plans have been issued for construction.		
Description				Fund		Year(s)				
SR 3314 (Wiley-Lewis) to McConnell Road				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$298,930	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	25
Project Name	NCDOT (I-2402 D)			Original Budget	\$0	Contract Number	97-001330	Funding: 501-7061-01.6016 CBR 017 Final plans have been issued for construction.		
Description				Fund		Year(s)				
McConnell Road				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$15,082	Const. Spent	\$0			

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PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	26
Project Name	NCDOT (U-2524 AB)			Original Budget	\$371,732	Contract Number		Utility agreement has been received - \$371,731.72; 510 Fund Final plans have been issued and job has been bid. Bid. Nov. 2003 Complete 2007		
Description				Fund		Year(s)				
Painter Blvd , I85 to Hilltop Road				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	27
Project Name	NCDOT (U-2524 AC)			Original Budget	\$1,000,000	Contract Number		No utility agreement has been received. Longbranch Lift Station is a part of this project. The new Hornaday Road may effect these plans. Final plans have been issued and job has been bid. Bid. Nov. 2003 Complete 2007		
Description				Fund		Year(s)				
Painter Blvd , Hilltop Road to I40				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	28
Project Name	NCDOT (U-2524 BA)			Original Budget	\$661,637	Contract Number	01-1455	Funding: 510-7062-05.6019 \$661,637.00, Utility agreement received - 10/20/03 Complete 2007		
Description				Fund		Year(s)				
Painter Blvd , I40 to N. of Friendly Avenue				Design Budget	\$0	Design Spent	\$20,890			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	29
Project Name	NCDOT (U-2524 BB)			Original Budget	\$127,275	Contract Number		Funding 510-7062-05.6019 - \$127,274.66, Utility agreement received - 10/20/03 Complete 2006		
Description				Fund		Year(s)				
Painter Blvd , N. of Friendly Avenue to N. of Bryan Blvd				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP	95	Date Complete		Notes	Proj#-->	12
Project Name	NCDOT (U-2815C) Bryan Blvd. Relocation Outfall Project			Original Budget	\$1,000,000	Contract Number		Construction complete scheduled for January 2008. Bid on January 15, 2004. The Fedex outfall will be tying into this 24" sewer on the Fedex side of Bryan Boulevard. Permit sets have been submitted to Water Resources. Final Alignment selected. Will require encasement pipe		
Description				Fund	510	Year(s)	03-04			
Coordinate the planning and design of the sewer system changes to be made in conjunction with the airport FedEx project.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned	2/15/2003	CIP		Date Complete		Notes	Proj#-->	108
Project Name	NCDOT (U-2913 A)			Original Budget	\$41,971	Contract Number		510 Fund Possible sewer installed by City at NCDOT request. Need to coordinate design, easements, construction, etc... This is the Hilltop Road sewer project on this report.		
Description				Fund		Year(s)	02			
Widening Guilford College Road				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$41,971	Const. Spent	\$0			

Engineering Projects Report

PM Contact:	HKM	Date Assigned		CIP		Date Complete		Notes	Proj#-->	30
Project Name	NCDOT (W-4401)			Original Budget	\$0	Contract Number	02-001029	Funding: 503-7011-02.6017 CBR 006 Final plans have been issued for construction.		
Description				Fund		Year(s)				
McKnight Mill Road bridge				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$12,418	Const. Spent	\$0			
PM Contact:	RHB	Date Assigned	12/3/2002	CIP		Date Complete		Notes	Proj#-->	35
Project Name	New TV Truck			Original Budget	\$100,000	Contract Number		Robbie Bald has been given this project to complete. Decided to go with new truck Feb. 2003. Will work with Garage, Service Center and Aries to prepare specifications once approval of budget received from CAM.		
Description				Fund	CAP	Year(s)	02			
New Box on Chasis System				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$100,000	Const. Spent	\$0			
PM Contact:	KEE	Date Assigned	3/5/2003	CIP	15	Date Complete		Notes	Proj#-->	38
Project Name	North Buffalo Sanitary Sewer Improvements			Original Budget	\$35,000,000	Contract Number	1999-001126	North Buffalo project will include the outfall for Phase I and II, and transfer station. Bledsoe and Cardinal to be built as part of, although funded separately, the project. Stepped up rehabilitation may occur and, if so, will be funded separately as well.		
Description				Fund	510,UNF	Year(s)	05-15			
Gravity line from Hill St. to NB-WWTP, transfer station, force main(s).				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent				
PM Contact:	HKM	Date Assigned		CIP	10	Date Complete	6/17/2003	Notes	Proj#-->	31
Project Name	Peach Orchard L.S. Replacement			Original Budget	\$893,944	Contract Number	2001-14	Project is in progress and continues to have daily minor issues.		
Description				Fund	510	Year(s)	02-04			
Replacement of existing Peach Orchard pump station.				Design Budget	\$51,000	Design Spent	\$51,000			
				Const. Budget	\$893,944	Const. Spent	\$0			
PM Contact:	KEE	Date Assigned		CIP	35.2	Date Complete		Notes	Proj#-->	41
Project Name	Randleman Dam Feeder Main Construction			Original Budget	\$7,500,000	Contract Number		[10/01/03] Hazen and Sawyer working pro bono on project until we decide to fund it. [08/05/03] Looking for proposal from Hazen and Sawyer for initial route design. [02/04/03] per Lisa Giroux "Jim Struve in our		
Description				Fund	510	Year(s)	04-07			
Connects the Randleman water source to the GSO system.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP	14	Date Complete		Notes	Proj#-->	32
Project Name	Reedy Fork L.S. Replacement			Original Budget	\$9,500,000	Contract Number	2002-02/2003-15/	2003-15 Gravity Line (\$1,169,477) Big Change Order for rock coming - 2/3/04.. Gravity portion awarded to Bryant Electric 270 days for construction; approx. complete March 2004 Change order for 7' manholes versus 6' (two manholes)		
Description				Fund	510	Year(s)	03-04			
Proposed Reedy Fork replacement. Project includes gravity line extensions, new pump station, and new force main to pump to TZ Osborne.				Design Budget	\$1,000,000	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$1,169,477			

Engineering Projects Report

PM Contact:	RHB	Date Assigned		CIP	66	Date Complete		Notes	Proj#-->	48
Project Name	Sanitary Sewer Rehabilitation (Project "E")			Original Budget	\$348,384	Contract Number	2000-08A	Kenneth R. Greene Utility Contractor, Inc. (KRG)		
Description				Fund	503	Year(s)	> 05			
Renewable Slipline & Pipebursting contract Expires ~08-30-2005 Contract revised to reflect time worked vs. calendar time. <i>Expiration date could push out</i>				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$1,928,359	Const. Spent	\$1,579,975			
PM Contact:	RHB	Date Assigned		CIP	66	Date Complete		Notes	Proj#-->	49
Project Name	Sanitary Sewer Rehabilitation (Project "F")			Original Budget	\$381,975	Contract Number	2000-19	Environmental Pipeline Rehabilitation, Inc. (EPR)		
Description				Fund	503	Year(s)	> 05			
Renewable Pipebursting contract Expires ~08-30-2005 Contract revised to reflect time worked vs. calendar time. <i>Expiration date could push out</i>				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$2,038,631	Const. Spent	\$1,656,656			
PM Contact:	RHB	Date Assigned		CIP	66	Date Complete		Notes	Proj#-->	50
Project Name	Sanitary Sewer Rehabilitation (Project "G")			Original Budget	\$1,340,425	Contract Number	2001-03	Reynolds, Inc. Ph IIB funded. Waiting on Reynolds to mobilize for this and 2003-16		
Description				Fund	503	Year(s)	> 05			
CIPP Contract for Muddy Branch Trunk Line				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$2,197,366	Const. Spent	\$1,786,193			
PM Contact:	HKM	Date Assigned		CIP	8	Date Complete		Notes	Proj#-->	33
Project Name	Sewer System Expansion @ Various Locations			Original Budget	\$7,500,000	Contract Number				
Description				Fund	503	Year(s)	Cont			
Pays for miscellaneous sewer expansions throughout the year plus the occasional annexation projects.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	HKM	Date Assigned		CIP	4	Date Complete	12/20/2003	Notes	Proj#-->	34
Project Name	South Buffalo Outfall			Original Budget	\$1,900,000	Contract Number	2000-02	Contract should be complete by end of February 2004. Tunnel scheduled to be complete week of 12/12/03. Due to conflicts with an existing cross-country fiber optic cable, 12" city water line, 1:1 structural fill for Wendover Avenue and the fact that the bore pit would		
Description				Fund	510	Year(s)	02-03			
Will replace the existing SB outfall with a larger capacity line to take the flow of Gallimore Dairy Road and Bledsoe Drive lift stations.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$1,456,972	Const. Spent	\$0			
PM Contact:	KEE	Date Assigned	12/10/2003	CIP		Date Complete		Notes	Proj#-->	170
Project Name	Starmount Water Line Rehabilitation			Original Budget	\$430,000	Contract Number	2004-004	Review final plans and spec on January 15th, 2004. From there we will set bid dates and permit the project.		
Description				Fund		Year(s)	2003-04			
Clean and epoxy lining of existing water lines in Starmount area.				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

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PM Contact:	RMN	Date Assigned		CIP		Date Complete		Notes	Proj#-->	115
Project Name	Substandard Water "A"			Original Budget		Contract Number		The following project will replace substandard water lines by installing new mains in Fairfax Road, Cromwell Road, Alamance Road and Lark Drive. This project is taking place due to the location of U-2524AB (Fainter Boulevard). The plan of action regarding this water line project is as follows:		
Description			Fund		Year(s)					
U-2524AB Conflicts			Design Budget		Design Spent					
			Const. Budget		Const. Spent					

PM Contact:	RMN	Date Assigned		CIP	39	Date Complete		Notes	Proj#-->	53
Project Name	Substandard Waterline Replacements			Original Budget	\$4,050,000	Contract Number		Current Projects to begin construction approximately 03-04 P04120 12th St. 210' e/Hubbard to Cypress P04118 Cypress St. 11th St. to approx. 150' n/14th St. P04147 Grove St. Coliseum Blvd. To Aycock St. P04119 Hubbard St. 11th St. to 16th St.		
Description			Fund	503	Year(s)	Cont				
Annual funding for the replacement of mostly undersized water lines with larger lines			Design Budget	\$0	Design Spent	\$0				
			Const. Budget	\$0	Const. Spent	\$0				

PM Contact:	ENG	Date Assigned	3/3/2003	CIP		Date Complete		Notes	Proj#-->	110
Project Name	Tennyson Court Outfall - P4174			Original Budget	\$110,000	Contract Number		Lanny pulled project from list 01/12/04 due to lack of WR funding. Sent to Engineering March 3, 2003 by REH. Contract 2003-51:		
Description			Fund		Year(s)	2003-04				
Survey, Design, ROW, Contract Admin, Construction Inspection new outfall			Design Budget	\$0	Design Spent					
			Const. Budget		Const. Spent					

PM Contact:	RMN	Date Assigned		CIP	41	Date Complete		Notes	Proj#-->	54
Project Name	Water System Expansion @ Various Locations			Original Budget	\$7,500,000	Contract Number				
Description			Fund	503	Year(s)	Cont				
Pays for miscellaneous water expansions throughout the year plus the occasional annexation projects.			Design Budget	\$0	Design Spent	\$0				
			Const. Budget	\$0	Const. Spent	\$0				

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ENG Engineering

PM Contact:	MCM	Date Assigned	10/1/2003	CIP		Date Complete		Notes	Proj#-->	137
Project Name	2003/2004 Dewater of TWTP Lagoon			Original Budget	\$300,000	Contract Number		Was contacted by Terry Houk of High Point to do another joint bid this year for Sludge Dewatering. Have completed draft specs and sent to Wendell Pickett and Terry Houk for them to review and add High Points information for tonnage and schedule. Will contact again next week (11/3/03) when Wendell gets back in the office.		
Description				Fund		Year(s)				
Annual Maintenance for TWTP				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$222,445	Const. Spent	\$0			

PM Contact:	JWR	Date Assigned		CIP		Date Complete		Notes	Proj#-->	132
Project Name	Access to SQL Conversion Project			Original Budget		Contract Number				
Description				Fund		Year(s)				
				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

PM Contact:	AEW	Date Assigned		CIP	93	Date Complete		Notes	Proj#-->	3
Project Name	Bond Issuance - 510			Original Budget	\$48,000,000	Contract Number		Current bond information can be found at Y:\Divisional_Shared\by_projects\Projects Reports\510F.pdf		
Description				Fund	510	Year(s)	03			
Application and other arrangements for acquiring the 510 Bond issue.				Design Budget	\$45,000,000	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$34,056,169			

PM Contact:	CAH	Date Assigned	11/12/2003	CIP		Date Complete		Notes	Proj#-->	168
Project Name	Infrastructure Information Security Policy			Original Budget		Contract Number		Expected date of March 1, 2004 for city-wide implementation Implementation date pushed back to allow for revision of policy		
Description				Fund		Year(s)				
Coordinate the implementation of the policy in the Water Resources Dept.				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

PM Contact:	MCM	Date Assigned	9/1/2002	CIP	33.1	Date Complete		Notes	Proj#-->	136
Project Name	Knox Tank Construction			Original Budget		Contract Number	2002-45	Contractor: Landmark Tank Foundation completed 10-06-03 First lift had concrete curing problems. Section of the first lift will be torn down week of 10-27-03. Report of first lift scheduled for 11/3/03.		
Description				Fund		Year(s)	02-03			
Construction of the Knox Water Tank for City's planned connection to the Burlington Water System.				Design Budget		Design Spent				
				Const. Budget	\$1,977,488	Const. Spent	\$859,258			

PM Contact:	MCM	Date Assigned	10/1/2003	CIP	98	Date Complete		Notes	Proj#-->	139
Project Name	Mapping Process - Phase III			Original Budget	\$1,000,000	Contract Number		Will begin upon successful completion of Phase II and negotiation of attribute pricing. Have talked with Kevin Eberle about starting the collection of the water sytem. Will be a partial start to the phase three work. Plan to spend \$250,000. Should have a proposal in next week.		
Description				Fund		Year(s)				
Implementation of the Mapping System for the Department and Converting All Water Maps to Digital Format.				Design Budget	\$988,110	Design Spent				
				Const. Budget		Const. Spent				

Engineering Projects Report

PM Contact:	MCM	Date Assigned	10/23/2003	CIP	98	Date Complete		Notes	Proj#-->	135
Project Name	Mapping Project - Phase II Change Order 1			Original Budget	\$235,500	Contract Number	03-001096	Change order sent to McKim & Creed for signatures 10/27/03. Data transfers have been made to GTG's FTP server. Working on setting up an account for McKim & Creed to have remote access to select directories on the Mystic Server; Divisional shared for Strip Maps and Engineering for Cad drawings for Sewer.		
Description				Fund	510	Year(s)	Cont			
Phase Iiwill design and prototype the mapping system. Pilot area will be completed for Water and Sewer for 9 City Block Sheets.				Design Budget	\$235,500	Design Spent	\$211,264			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	RHB	Date Assigned	12/15/2002	CIP	101	Date Complete		Notes	Proj#-->	47
Project Name	Muddy Branch Basin 17 (Project "H")			Original Budget	\$1,300,000	Contract Number	2003-16	[10/01/03] Project underway. [05/06/03] Project being advertised now. Engineering proposal (Muddy Branch Amendment #5 02/04/03) for \$27,660 to be executed once the 510 referendum is approved. Will need a front end and a		
Description				Fund	510	Year(s)	02-03			
CIPP / Bursting contact in the CBD				Design Budget	\$1,619,360	Design Spent	\$0			
				Const. Budget	\$1,619,360	Const. Spent	\$0			
PM Contact:	RHB	Date Assigned		CIP	7	Date Complete		Notes	Proj#-->	46
Project Name	Muddy Branch Outfalls SSES			Original Budget	\$254,220	Contract Number	1999-1126	[February 5th, 2003] \$1,750,000 Amount Allocated for Rehabilitation \$1,500,000 Amount Encumbered through change orders 4 & 5 for Contracts 2000-08A & 2000-19		
Description				Fund	503	Year(s)	> 05			
Muddy Branch SSES				Design Budget	\$550,290	Design Spent	\$513,238			
				Const. Budget	\$0	Const. Spent				
PM Contact:	KEE	Date Assigned		CIP		Date Complete		Notes	Proj#-->	114
Project Name	Northeast High School Sewer Pump Station			Original Budget		Contract Number		[Dec 2003] - Expect to be able to make the connection in December 2004 based on Reedy Fork project and the desire to start the construction of the NE project during the summer. Need bid dates.		
Description				Fund		Year(s)	2003-04			
Sewer pump station to tie Northeast High School into the proposed Reedy Fork force main.				Design Budget		Design Spent				
				Const. Budget		Const. Spent				
PM Contact:	GGS	Date Assigned	5/31/2001	CIP		Date Complete		Notes	Proj#-->	5
Project Name	Rising Star Preparation			Original Budget	\$0	Contract Number		Application is complete Consultative visits arranged for initial kick-off. Improvements and corrections being made as a result.		
Description				Fund		Year(s)				
Prepare Water Resources Department to seek Department of Labor OSHNC Rising Star Program recognition.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	KEE	Date Assigned	7/23/2003	CIP		Date Complete		Notes	Proj#-->	123
Project Name	Sewer Rehabilitation Program			Original Budget	\$0	Contract Number		Allan proposed to increased spending as part of the SOC plan. Awaiting SOC response. Poster program developed, waiting for direction from Allan.		
Description				Fund		Year(s)	2003-04			
Develop road map for future sanitary sewer rehabilitation program.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

Engineering Projects Report

PM Contact:	JWR	Date Assigned		CIP	52	Date Complete		Notes	Proj#-->	131
Project Name	Water Supply SCADA Project Coordination			Original Budget	\$100,000	Contract Number				
Description				Fund		Year(s)	03-04			
First \$100k to be spent from 510 bond to upgrade certain sites throughout the City.				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

PM Contact:	JWR	Date Assigned	8/1/2002	CIP		Date Complete		Notes	Proj#-->	6
Project Name	Wharton Computer Consulting			Original Budget	\$54,000	Contract Number	01-001210	(Jan 03) Purchase approval granted by AEW Company retained to provided specialized labor in the areas of database development and SCADA data conversion.		
Description				Fund		Year(s)	2002 - 03			
SCADA and SQL server data conversion.				Design Budget	\$54,000	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$3,000			

PM Contact:	JWR	Date Assigned	3/15/2002	CIP	1.1	Date Complete		Notes	Proj#-->	7
Project Name	WROC 2-11 - WR Operations Center			Original Budget	\$7,000,000	Contract Number		Project awarded 05/06/03. Project currently under construction.		
Description				Fund	510	Year(s)	2004 - 05			
Coordination of design and construction contract for the WROC 211 center.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	JWR	Date Assigned	9/1/2003	CIP		Date Complete		Notes	Proj#-->	130
Project Name	WROC 2-11 Furniture Procurement			Original Budget	\$700,000	Contract Number				
Description				Fund		Year(s)				
Furniture for new office building				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

Engineering Projects Report

GCTY

PM Contact:	KEE	Date Assigned	11/3/2003	CIP		Date Complete		Notes	Proj#-->	149
Project Name	Alamance Road Water Improvements			Original Budget	\$187,200	Contract Number		This main is needed to complete the 12" loop which will extend from High Point Road to Grandover Parkway. It will provide better fire protection to the Sedgefield area, as well as replace an existing 6" water main which is in bad condition and supplies less than required fire flows to the area.		
Description			Fund		Year(s)	2003-04				
Proposed 3900' of 12" water main to abandon existing 6" water main, from Wayne Rd. Intersection southward to 12" water main tie-in on Rockingham Rd. East.			Design Budget		Design Spent					
			Const. Budget		Const. Spent					
PM Contact:	KEE	Date Assigned	2/6/2003	CIP		Date Complete		Notes	Proj#-->	106
Project Name	Bishop Road Sanitary Sewer			Original Budget	\$399,500	Contract Number		Under design by US Infrastructure. County to acquire the right of way. Original design budget was \$250,000.00. Revised budget per Gary Stephenson [11/11/03] is \$399,500		
Description			Fund		Year(s)	2002 - 2003				
Sumner School Outfall north to proposed Guilford County Tire and White Goods disposal site.			Design Budget		Design Spent	\$35,735				
			Const. Budget		Const. Spent					
PM Contact:	KEE	Date Assigned	11/3/2003	CIP		Date Complete		Notes	Proj#-->	154
Project Name	Bowman Avenue Water Improvements			Original Budget	\$18,480	Contract Number				
Description			Fund		Year(s)	2003-04				
Proposed 770' of 6" water main, from Forbes St. to existing 6" water main in Bowman Ave. This main is needed to replace existing 1" galvanized water main.			Design Budget		Design Spent					
			Const. Budget		Const. Spent					
PM Contact:	KEE	Date Assigned	1/17/2003	CIP		Date Complete		Notes	Proj#-->	93
Project Name	Brannock Subdivision - Guilford County CIP			Original Budget	\$692,240	Contract Number		Waiting for Guilford County Commissioner authorization, per Betty Garrett. Water 3,400' of 8" main; 1,200' of 6" main Sewer 3,800' of 8" main; 5,800' of 8" O/F; 100' of B&E; 5,800' of ROW		
Description			Fund		Year(s)	2002-03				
Petitioned water and sewer improvements located in eastern portion of county, off Young's Mill Road			Design Budget	\$103,836	Design Spent					
			Const. Budget	\$588,404	Const. Spent					
PM Contact:	KEE	Date Assigned	11/3/2003	CIP		Date Complete		Notes	Proj#-->	150
Project Name	Dorchester Road Water Improvements			Original Budget	\$58,800	Contract Number		This main is needed to replace existing 2" galvanized water main.		
Description			Fund		Year(s)	2003-04				
Proposed 2450' of 6" water main, from Alamance Rd. to 6" water line tie-in @ Sedgefield Country Club			Design Budget		Design Spent					
			Const. Budget		Const. Spent					
PM Contact:	KEE	Date Assigned	11/3/2003	CIP		Date Complete		Notes	Proj#-->	153
Project Name	Forbes Street Water Improvements			Original Budget	\$25,200	Contract Number				
Description			Fund		Year(s)	2003-04				
Proposed 1050' of 6" water main, from High Point Rd. eastward to its end. This main is needed to replace existing 1.5" galvanized water main.			Design Budget		Design Spent					
			Const. Budget		Const. Spent					

Engineering Projects Report

PM Contact:	KEE	Date Assigned	1/17/2003	CIP		Date Complete		Notes	Proj#-->	96
Project Name	Forest Oaks - Section 18			Original Budget	\$177,514	Contract Number		Waiting for Guilford County Commissioner authorization, per Betty Garrett. Water 1,918' of 8" main Sewer 1,918' of 8" main		
Description				Fund		Year(s)	2003-04			
Petitioned water and sewer improvements located in southeastern portion of county adjacent to Forest Oaks				Design Budget	\$26,627	Design Spent				
				Const. Budget	\$150,886	Const. Spent				

PM Contact:	KEE	Date Assigned	1/7/2003	CIP		Date Complete		Notes	Proj#-->	95
Project Name	Forest Oaks Estates			Original Budget	\$896,882	Contract Number		Waiting for Guilford County Commissioner authorization, per Betty Garrett. Water 9,000' of 8" water main Sewer 9,000' of 8" sewer main		
Description				Fund		Year(s)	2003-04			
Petitioned water and sewer improvements located in southeastern portion of county adjacent to Forest Oaks northside of Southeast School Road.				Design Budget	\$134,532	Design Spent				
				Const. Budget	\$762,349	Const. Spent				

PM Contact:	KEE	Date Assigned	1/17/2003	CIP		Date Complete		Notes	Proj#-->	92
Project Name	Kingsbury Estates - Guilford County CIP			Original Budget	\$1,490,180	Contract Number		Waiting for Guilford County Commissioner authorization, per Betty Garrett. Water 5,700' of 24" main; 800' of 12" main; 300' of 8" main; 7,100' of 6" main Sewer 6,200' of 8" main; 6,200' of ROW		
Description				Fund		Year(s)	2002-03			
Health recommended water and sewer improvements located in southeast portion of county off East Lee Street Extension, south of Sharpe Road				Design Budget	\$223,527	Design Spent				
				Const. Budget	\$1,266,653	Const. Spent				

PM Contact:	KEE	Date Assigned	1/17/2003	CIP		Date Complete		Notes	Proj#-->	94
Project Name	Lakehaven Sub. - Lennie Drive			Original Budget	\$206,116	Contract Number		Waiting for Guilford County Commissioner authorization, per Betty Garrett. Water 2,270' of 8" main Sewer 2,270' of 8" main		
Description				Fund		Year(s)	2002-03			
Petitioned water and sewer improvements located in southeastern portion of county, off Young's Mill Road				Design Budget	\$30,917	Design Spent				
				Const. Budget	\$175,198	Const. Spent				

PM Contact:	KEE	Date Assigned	1/17/2003	CIP		Date Complete		Notes	Proj#-->	97
Project Name	Lynwood Lakes Subdivision			Original Budget	\$3,900,000	Contract Number		Waiting for Guilford County Commissioner authorization, per Betty Garrett. Check with Betty to determine scope. Appears to duplicate the existing Neally Road Pump Station and FM.		
Description				Fund		Year(s)	2003-04			
To Be Determined				Design Budget	\$585,000	Design Spent				
				Const. Budget	\$3,315,000	Const. Spent				

PM Contact:	KEE	Date Assigned	11/3/2003	CIP		Date Complete		Notes	Proj#-->	156
Project Name	Mecklenburg Road Water Improvements			Original Budget	\$39,120	Contract Number				
Description				Fund		Year(s)	2003-04			
Proposed 1630' of 6" water main, from Alamance Rd. to 1630' west of Alamance Rd. (tie-in to existing 6" water.) This main is needed to replace an existing 1" galvanized water main and is also needed to complete the loop on Mecklenburg Rd.				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

Engineering Projects Report

PM Contact:	KEE	Date Assigned	11/3/2003	CIP		Date Complete		Notes	Proj#-->	157
Project Name	Suttonwood Drive Water Improvements			Original Budget	\$41,280	Contract Number		This main is needed to replace an existing 2" galvanized water main, and is also needed to complete a tie from High Point Rd. to Rockingham Rd. N., for fire protection and water quality purposes.		
Description				Fund		Year(s)	2003-04			
Proposed 1720' of 6" water main from High Point Rd. to Rockingham Road North.				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

PM Contact:	KEE	Date Assigned	2/4/2003	CIP		Date Complete		Notes	Proj#-->	104
Project Name	Twilla Acres			Original Budget	\$890,000	Contract Number		[08/05/03] Project is delayed by COG property and the fact that the outfall to be connected to in Birch Creek Phase II has not been constructed. Need to look at when time permits.		
Description				Fund		Year(s)	2002 - 2003			
Guilford County Water and Sewer Health Project				Design Budget		Design Spent		[Susan Wushae] The account I'm setting up for Twilla Acres is 504-7038-01. I'm adding 6016 (water lines).		
				Const. Budget		Const. Spent				

PM Contact:	KEE	Date Assigned	1/31/2003	CIP		Date Complete		Notes	Proj#-->	103
Project Name	Waldenbrook Court Water Line			Original Budget	\$50,000	Contract Number		504-7036-01.6016 Expenditure Account 504-7036-01.8040 Revenue Account Need to cost recover		
Description				Fund		Year(s)	2002-03			
Extension of public water within Waldenbrook Court. Not to be confused with Waldenbrook Road				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

PM Contact:	KEE	Date Assigned	11/3/2003	CIP		Date Complete		Notes	Proj#-->	151
Project Name	Wayne Road Water Improvements			Original Budget	\$20,400	Contract Number				
Description				Fund		Year(s)	2003-04			
Proposed 850' of 6" water main, from 350' east of High Point Rd. to 1150" east of High Point Rd. This main is needed to replace existing 1.5" galvanized water main which currently ties two existing 6" water mains				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

PM Contact:	KEE	Date Assigned	11/3/2003	CIP		Date Complete		Notes	Proj#-->	152
Project Name	White Pine Road Water Improvements			Original Budget	\$20,640	Contract Number				
Description				Fund		Year(s)	2003-04			
Proposed 860' of 6" water main, from Groometown Rd., to its end. This main is needed to replace existing 1.5" galvanized water main on White Pine Rd. as well as replacing existing 1" galvanized water main in Redberry Rd				Design Budget		Design Spent				
				Const. Budget		Const. Spent				

Engineering Projects Report

WRO Water Reclamation

PM Contact:	MCM	Date Assigned	9/1/2002	CIP	97	Date Complete		Notes	Proj#-->	138
Project Name	Fuel Containment Project - NBO 2004-007 P04250			Original Budget	\$200,000	Contract Number	2004-007	Professional Services Contract with FPS WWTP - \$6257.98 2002-1347 Design keeps changing. Looking at other options for NBO and Lake Brandt. Day tanks will be required inside of the plant.		
Description				Fund		Year(s)	02-03			
Replace fuel tank and piping at the North Buffalo Waste Water Treatment Plant.				Design Budget	\$21,800	Design Spent	\$16,817			
				Const. Budget	\$240,000	Const. Spent	\$0			

PM Contact:	White	Date Assigned		CIP	22	Date Complete		Notes	Proj#-->	55
Project Name	NB Total Nitrogen Upgrade to meet HB 515			Original Budget	\$24,500,000	Contract Number				
Description				Fund	UNF	Year(s)	03-06			
Possible plant improvement if HB 515 were to pass imposing stricter limits on the discharge of nitrogen.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	White	Date Assigned		CIP	17	Date Complete		Notes	Proj#-->	56
Project Name	New Fluid-Bed Incinerator			Original Budget	\$8,000,000	Contract Number				
Description				Fund	UNF	Year(s)	06-07			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	White	Date Assigned		CIP	28	Date Complete		Notes	Proj#-->	57
Project Name	North Buffalo Flow Equalization Transfer Booster Station			Original Budget	\$250,000	Contract Number		Project will likely be absorbed into the North Buffalo projects.		
Description				Fund	503	Year(s)	03-04			
Pump station to transfer flow to TZ Osborne.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	White	Date Assigned		CIP	87	Date Complete		Notes	Proj#-->	58
Project Name	Odor Control at North Buffalo WWTP (Covers)			Original Budget	\$1,000,000	Contract Number				
Description				Fund	503	Year(s)	04-05			
New covers for process at North Buffalo to reduce the odor emissions from plant.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	White	Date Assigned		CIP	16	Date Complete		Notes	Proj#-->	59
Project Name	Odor Control at TZ Osborne WWTP			Original Budget	\$4,000,000	Contract Number				
Description				Fund	UNF	Year(s)	07-11			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

Engineering Projects Report

PM Contact:	White	Date Assigned		CIP	24.2	Date Complete		Notes	Proj#-->	60
Project Name	Sludge Bulk Handling Improvements			Original Budget	\$2,200,000	Contract Number				
Description				Fund	510	Year(s)	03-04			
Plan for handling sludge at TZ Osborne WWTP.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	White	Date Assigned		CIP	23	Date Complete		Notes	Proj#-->	61
Project Name	TZO Laboratory Addition			Original Budget	\$825,000	Contract Number				
Description				Fund	510	Year(s)	03-05			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	White	Date Assigned		CIP	21	Date Complete		Notes	Proj#-->	62
Project Name	TZO Total Nitrogen Upgrade to meet HB515			Original Budget	\$10,500,000	Contract Number				
Description				Fund	UNF	Year(s)	03-06			
Possible plant improvement if HB 515 were to pass imposing stricter limits on the discharge of nitrogen.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

Engineering Projects Report

WSO Water Supply

PM Contact:	JDB	Date Assigned		CIP	99	Date Complete		Notes	Proj#-->	64
Project Name	Aeration of Lake Townsend & Lake Brandt			Original Budget	\$500,000	Contract Number		Dr. Bob Hoen was my consultant on WQ/Lake Analysis. He does not work for Black and Veatch but is called on as an expert in the field of Lake Limnology. I see in my paper files that Davis Martin and Powell actually coordinated the Oak Hollow Job that GES did. Perhaps we could use Dr. Bob as an adjunct consultant to who ever we hire as a PE for this.		
Description				Fund	510	Year(s)	02-03			
Add aeration to lakes to reduce the impact of seasonal water level turnover in an effort to improve water quality.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	MCM	Date Assigned	9/1/2002	CIP	37	Date Complete		Notes	Proj#-->	2
Project Name	Aycock Street Water Tank Replacement			Original Budget	\$1,500,000	Contract Number	2002-45	[10/02/03] Piles being driven for foundation. [01/17/03] Plans nearly complete pending TRC review and meeting with Adams Valve representative. Should go to TRC 2/24/03. Planned advertise is April 2003.		
Description				Fund		Year(s)	02-03			
Replacement 1 MG tank for the existing Aycock Street tank.				Design Budget	\$8,200	Design Spent	\$8,200			
				Const. Budget	\$1,650,844	Const. Spent	\$671,954			
PM Contact:	JDB	Date Assigned		CIP	45	Date Complete		Notes	Proj#-->	65
Project Name	Centralized Laboratory and Maint. Bldg Upgrade and Expansion			Original Budget	\$750,000	Contract Number				
Description				Fund	UNF	Year(s)	04-05			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	JDB	Date Assigned		CIP	46	Date Complete		Notes	Proj#-->	66
Project Name	Evaluation and Improvements in Flow Routing for Mitchell			Original Budget	\$3,050,000	Contract Number				
Description				Fund	510	Year(s)	02-05			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	MCM	Date Assigned		CIP	31	Date Complete		Notes	Proj#-->	79
Project Name	Exterior Paint & Repair / Muirs Chapel High			Original Budget	\$560,000	Contract Number		Looking at demolishing the low level tank and building a cell tower to get the hardware off of the Muirs Chapel High level tank. After talking with Jeff Crushank, he will be running some new water model programs with some realistic operational data. With the loss of Burlington		
Description				Fund	503	Year(s)	05-06			
Strip existing finish and replace.				Design Budget	\$60,000	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	MCM	Date Assigned	9/1/2002	CIP	54	Date Complete		Notes	Proj#-->	80
Project Name	Fuel Containment Project - TWTP and LBPS			Original Budget	\$225,000	Contract Number	2004-005/6	Lake Brandt work on hold pending WSO decision with Duke Power. WTP - \$14267.96 2002-1353 WWTP - \$6257.98 2002-1347 Design keeps changing. Looking at other options for NBO and Lake Brandt. TWTP should be continuing		
Description				Fund	510	Year(s)	02-03			
Replace fuel tanks at Lake Brand [2004-006] Lake Townsend [2004-005]				Design Budget	\$59,000	Design Spent	\$57,794			
				Const. Budget	\$240,000	Const. Spent	\$0			

Engineering Projects Report

PM Contact:	HKM	Date Assigned		CIP	100	Date Complete		Notes	Proj#-->	63
Project Name	Haw River Project (Line & PS Rehabilitation)			Original Budget	\$9,000,000	Contract Number		Pumps appear to be running in fine but still need to perform the final test. Final air/vac vavlv has been installed. Almost complete. Design contract in place w/ Lord and Co. to integrate SCADA system. Programming began on 12/19/02.		
Description				Fund	510	Year(s)	02			
New water transmission main and rebuilding of existing station to pump 4 - 12 mgd of water from the Haw to Lake Townsend.				Design Budget	\$860,000	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$8,664,615			
PM Contact:	MCM	Date Assigned	1/1/2001	CIP	34	Date Complete		Notes	Proj#-->	82
Project Name	Int. & Ext. Painting & Repair / Gorrell St. Tank			Original Budget	\$1,000,000	Contract Number		Fall 2004 / Spring 2005		
Description				Fund	503	Year(s)	04-05			
Strip finish and repaint.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	JDB	Date Assigned		CIP	59	Date Complete		Notes	Proj#-->	67
Project Name	Lake Brandt Dam Repairs			Original Budget	\$440,000	Contract Number	2002-56	CO#1 (Lake Brandt Administration) is approved CO#2 (Inspection of Lake Townsend Dam) is approved CO#3 (Development of Lake Discharge Curves) is approved. (Jan 03) Will award contract alternate to repair all gates for 1.2M. Lisa Giroux to send me CO for Lake		
Description				Fund	509	Year(s)	02-03			
Replace gate seals and refinish gates (paint). Some lead paint removal involved.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$1,228,975	Const. Spent	\$0			
PM Contact:	KEE	Date Assigned		CIP	48	Date Complete		Notes	Proj#-->	77
Project Name	Lake Townsend Dam Repairs			Original Budget	\$500,000	Contract Number		[Dec 2004] SM&E referred project back to Lisa Giroux. A specialized concrete inspection is needed which SM&E isn't qualified to do. [08/05/03] Material report verifies the structural deficiency of the concrete. Awaiting the Hazen and Sawyer report on the repairs needed and the cost		
Description				Fund	510	Year(s)	04-05			
Repair concrete structure and downstream flow dissipators.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	MCM	Date Assigned	3/5/2003	CIP	103	Date Complete		Notes	Proj#-->	111
Project Name	Lees Chapel Tank Rehabilitation - Interior and valves			Original Budget	\$450,000	Contract Number		[10/02/03] Proposed funding interior repair via (511 Bond) and exterior via (512 or 513 bond). [08/05/03] Proceed with interior rehab by Fall of 2004. [03/14/03] On-hold pending need and funding ability		
Description				Fund		Year(s)	03 - 04			
Repainting of tank interior and performing valve and weld repairs to tank.				Design Budget	\$11,500	Design Spent				
				Const. Budget		Const. Spent				
PM Contact:	JDB	Date Assigned		CIP	55	Date Complete		Notes	Proj#-->	68
Project Name	LTWTP HVAC and Building Improvements			Original Budget	\$631,000	Contract Number	2003-40	Project out for bid. [10/02/03] Sam, Please help with work scope email to Keith so he can go ahead and let it be advertising asap. Move out Schedule based on Keith's follow up.		
Description				Fund	510	Year(s)	02-05			
Replacement of Lake Townsend HVAC System				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

Engineering Projects Report

PM Contact:	JDB	Date Assigned		CIP	43	Date Complete		Notes	Proj#-->	69
Project Name	LTWTP Power Monitoring			Original Budget	\$5,600,000	Contract Number				
Description				Fund	UNF	Year(s)	03-06			
Looking at power measurement and quality monitoring				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	JDB	Date Assigned		CIP	44	Date Complete		Notes	Proj#-->	70
Project Name	LTWTP Upgrade for Major Elec., Pump Upgrade			Original Budget	\$2,450,000	Contract Number		Plan to fund engineering out of 510 bond.		
Description				Fund	510	Year(s)	03-06			
Includes replacement of existing high level drives as well as looking at whether to maintain existing diesel driver fleet or move to on-site power generation.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	JDB	Date Assigned		CIP	42	Date Complete		Notes	Proj#-->	71
Project Name	Mitchell & Townsend Chloramines Conversion & Dist			Original Budget	\$1,050,000	Contract Number		Distribution and plant systems must be readied concurrently.		
Description				Fund	510	Year(s)	03-04			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	JDB	Date Assigned		CIP		Date Complete		Notes	Proj#-->	100
Project Name	Mitchell Filter Plant - Filter Rehabilitation			Original Budget		Contract Number	2002-40	Some delays from Leopold deliveries may delay completion of overall project approx. 2 weeks. 8/5/03 Project in punchout stage. Filters performing well. As built drawings due.		
Description				Fund		Year(s)	2002-03			
New filter underdrains, media and blowers				Design Budget		Design Spent				
				Const. Budget	\$1,004,000	Const. Spent				
PM Contact:	JDB	Date Assigned		CIP	56	Date Complete		Notes	Proj#-->	73
Project Name	MWP Decanter Renovations			Original Budget	\$275,000	Contract Number		Awaiting Black & Veatch study for wastewater minimization.		
Description				Fund	UNF	Year(s)	03-04			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			
PM Contact:	RMN	Date Assigned		CIP		Date Complete		Notes	Proj#-->	85
Project Name	Permanent Chlorination Station (Liberty Road)			Original Budget	\$50,000	Contract Number				
Description				Fund	UNF	Year(s)	unknown			
Add permanent chlorination station.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

Engineering Projects Report

PM Contact:	RMN	Date Assigned		CIP		Date Complete		Notes	Proj#-->	86
Project Name	Permanent Chlorination Station (Reidsville)			Original Budget	\$50,000	Contract Number				
Description				Fund	UNF	Year(s)	unknown			
Add permanent chlorination station.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	JDB	Date Assigned		CIP	52	Date Complete		Notes	Proj#-->	74
Project Name	SCADA Improvements			Original Budget	\$100,000	Contract Number		Working to scope upgrade project with Lord & Company. Project will focus on immediate problems of communications, application cleanup, problem sites needing new PLC.		
Description				Fund	510	Year(s)	03-06			
Add additional SCADA I/O to water plant system to further goals of system monitoring and automation.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	MCM	Date Assigned	1/1/2000	CIP	51	Date Complete		Notes	Proj#-->	84
Project Name	Sludge Handling Plan for TWTP			Original Budget	\$1,000,000	Contract Number		4/16/03 M&C will be bringing 90% plans on 4/22/03. Will review with M&C and let TWTP have copy for review. 8/5/03 - 90% plans have been reviewed and mark-ups sent to M&C. Should have ready for contract		
Description				Fund	510	Year(s)	03-04			
Improvements to lower the cost of contracting out for periodic alum sludge dewatering and removal from Lake Townsend WTP.				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	JDB	Date Assigned		CIP	89	Date Complete		Notes	Proj#-->	75
Project Name	Water Plant Security Plans			Original Budget	\$250,000	Contract Number	2002-001207	Phase I ready. \$115,000 CO No.1 Item 1 Water Supply plant perimeters (501-7023-01-6019.001) \$39,800 CO No1. Item 2 Distribution system evaluation and documentation		
Description				Fund	510	Year(s)	03-04			
Implement water plant security following recommendations of the VA.				Design Budget	\$191,100	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			

PM Contact:	JDB	Date Assigned		CIP	47	Date Complete		Notes	Proj#-->	76
Project Name	Water Purification Process Improvements-MWTP and TWTP			Original Budget	\$4,000,000	Contract Number				
Description				Fund	510	Year(s)	02-05			
				Design Budget	\$0	Design Spent	\$0			
				Const. Budget	\$0	Const. Spent	\$0			